## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicant(s):** David M. Chess, et al.

**Serial No.:** Unassigned

**Filed:** Herewith

**For:** USING RUSTED CO-SERVERS TO ENHANCE SECURITY OF WEB INTERACTION

**Examiner:** Unassigned

**Art Unit:** Unassigned

**Docket:** 13807(YOR920000457US1

**Dated:** September 15, 2000

Assistant Commissioner for Patents
Washington, DC  20231

### INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

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### CERTIFICATE OF MAILING BY "EXPRESS MAIL"

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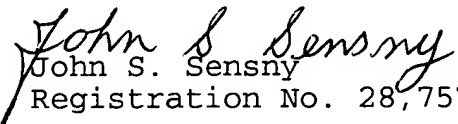
Dated: <u>September 15, 2000</u>

*Janet Giordano*
Janet Giordano

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1.  U.S. Patent No. 4,817,140 issued March 28, 1989, to Chandra, et al.;

2.  "IBM 4758 Models 1 and 13 PCI Cryptographic Coprocessor", IBM Product Brochure G221-9091, (1999);

3.  "IBM Coprocessor First to Earn Highest Security Validation", Press release, IBM Corporation, December 1998;

4.  Palmer, E., "An Introduction to Citade-A Secure Cryto Coprocessor for Workstations", Research Report, RC 18373, IBM T.J. Watson Research Center, 1992;

5.  Weingart, S.H., "Physical Security for the µABYSS System", IEEE Security and Privacy, Oakland, 1987;

6.  White, S.R., et al., "ABYSS: A Trusted Architecture for Software Protection", IEEE Security and Privacy, Oakland, 1987;

7.  White, S.R., et al., "Introduction to the Citadel Architecture: Security in Physically Exposed Environments", Research Report RC 16672, IBM T.J. Watson Research Center, 1991;

8.  Smith, S., et al., "Building a high-performance, programmable secure coprocesser", Reprinted from Computer Networks, The International Journal of Computer and Telecommunications Networking, Secure Systems and Smart Cards, IBM T.J. Watson Research Center, Computer Networks 31, (1999) pp. 831-860;

9.  Smith, S., et al., "Practical Private Information Retrieval with Secure Coprocessors", IBM T.J. Watson Research Center, May 23, 2000, pp. 1-11; and

10. Wilhelm, U., et al., "Introducing Trusted Third Parties to the Mobile Agent Paradigm", Laboratoire de Systemes d'Exploitation, Institut pour les Communications informatiques et leurs Applications Ecole Polytechnique Federale de Lausanne, 1015 Lausanne, Switzerland.

Applicant is submitting copies of the above-cited references.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. § 1.97(b), no petition, certification or fee is required.

Respectfully submitted,

John S. Sensny
Registration No. 28,757

SCULLY, SCOTT, MURPHY & PRESSER
400 Garden City Plaza
Garden City, New York  11530
(516) 742-4343

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| CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10) | Docket No. |
|---|---|
| Applicant(s): David M. Chess, et al. | 13807(YOR920000457US1) |

| Serial No. | Filing Date | Examiner | Group Art Unit |
|---|---|---|---|
| Unassigned | Herewith | Unassigned | Unassigned |

Invention: **USING TRUSTED CO-SERVERS TO ENHANCE SECURITY OF WEB INTERACTION**

I hereby certify that the following correspondence:

**New Utility Patent Application**

*(Identify type of correspondence)*

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P06A/REV02

| Docket Number (Optional) | Application Number |
|---|---|
| 13807 (YOR92000 7US1) | Unassigned #4 |

Applicant(s)
David M. Chess, et al.

| Filing Date | Group Art Unit |
|---|---|
| Herewith | Unassigned |

## U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---|---|---|---|---|---|---|---|
| | | 4,817,140 | 03/28/89 | Chandra, et al. | | | |
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## FOREIGN PATENT DOCUMENTS

| | REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation YES | NO |
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## OTHER DOCUMENTS  *(Including Author, Title, Date, Pertinent Pages, Etc.)*

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|---|---|---|
| | | "IBM 4758 Models 1 and 13 PCI Cryptographic Coprocessor", IBM Product Brochure G221-9091, (1999) |
| | | "IBM Coprocessor First to Earn Highest Security Validation", Press release, IBM Corporation, December 1998 |

| EXAMINER | DATE CONSIDERED |
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| **INFORMATION DISCLOSURE CITATION**<br>*(Use several sheets if necessary)* | **Docket Number (Optional)**<br>13807(YOR9200 67US1) | **Application Number**<br>Unassigned |
| | **Applicant(s)**<br>David M. Chess, et al. | |
| | **Filing Date**<br>Herewith | **Group Art Unit**<br>Unassigned |

| *EXAMINER INITIAL | OTHER DOCUMENTS  *(Including Author, Title, Date, Pertinent Pages, Etc.)* |
|---|---|
| | Palmer, E., "An Introduction to Citade-A Secure Cryto Coprocessor for Workstations", Research Report, RC 18373, IBM T.J. Watson Research Center, 1992 |
| | Weingart, S.H., "Physical Security for the ABYSS System", IEEE Security and Privacy, Oakland, 1987 |
| | White, S.R., et al., "ABYSS: A Trusted Architecture for Software Protection", IEEE Security and Privacy, Oakland, 1987 |
| | White, S.R., et al., "Introduction to the Citadel Architecture: Security in Physically Exposed Environments", Research Report RC 16672, IBM T.J. Watson Research Center, 1991 |
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| | Smith, S., et al., "Practical Private Information Retrieval with Secure Coprocessors", IBM T.J. Watson Research Center, May 23, 2000, pp. 1-11 |
| | Wilhelm, U., et al., "Introducing Trusted Third Parties to the Mobile Agent Paradigm", Laboratoire de Systemes d'Exploitation, Institut pour les Communications informatiques et leurs Applications Ecole Polytechnique Federale de Lausanne, 1015 Lausanne, Switzerland |
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